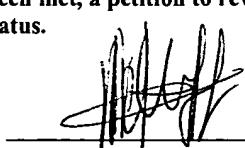


FORM PTO-1390 (REV. 10-2003) U.S. DEPARTMENT OF COMMERCE AND PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 2003946-0088 (VD1207/US)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) NOT YET ASSIGNED 107500424
INTERNATIONAL APPLICATION NO. PCT/US02/40744	INTERNATIONAL FILING DATE 18 December 2002	PRIORITY DATE CLAIMED 28 December 2001
TITLE OF INVENTION LUMINACIN ANALOGS AND USES THEREOF		
APPLICANT(S) FOR DO/EO/US FANG, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau) Publication WO 03/057685 A1 (89 pp) b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (<u>6 pp.</u>)</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment. (<u>4 pp.</u>)</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 335 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Appendix A – PCT Article 34 Amendment (<u>30 pp.</u>) <input checked="" type="checkbox"/> Appendix B – International Preliminary Examination Report (<u>16 pp.</u>) <input checked="" type="checkbox"/> Appendix C – International Search Report (<u>4 pp.</u>) <input checked="" type="checkbox"/> Cited art (11 references) with English Translation of Abstracts <input checked="" type="checkbox"/> Form PTO – 1449 (<u>1 pg.</u>) <input checked="" type="checkbox"/> Return Postcard <input checked="" type="checkbox"/> Certificate of Express Mailing (<u>1 pg.</u>) </p>		

U.S. APPLICATION NO. (Unknown see 37 CFR 1.50) NOT YET ASSIGNED 107500424	INTERNATIONAL APPLICATION NO. PCT/US02/40744	ATTORNEY'S DOCKET NUMBER 2003946-0088 (VD1207/US)		
21. <input checked="" type="checkbox"/> Other items or information: BASIC NATIONAL FEE (37 CFR 1.492 (A) (1) – (5)):		CALCULATIONS PTO USE ONLY		
Neither international examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00				
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$730.00				
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00		\$ 920.00		
ENTER APPROPRIATE BASIC FEE AMOUNT =				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	265 - 20 =	245	245 x \$18.00	\$4,410.00
Independent claims	3 - 3 =	0	0 x \$86.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$ 290.00
			TOTAL OF ABOVE CALCULATIONS =	\$5,620.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$
			SUBTOTAL =	\$5,620.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).		\$		
			TOTAL FEES ENCLOSED =	\$5,620.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$		
			TOTAL FEES ENCLOSED =	\$5,620.00
			Amount to be refunded:	\$
			charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 5,620.00 to cover the above fees is enclosed.				
b. <input type="checkbox"/> Please charge my Deposit Account No. 03-1721 in the amount of \$ _____ to cover the above fees.				
A duplicate copy of this sheet is enclosed				
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1721. A duplicate of this sheet is enclosed.				
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:				
Patent Group Choate, Hall & Stewart Exchange Place 53 State Street Boston, Massachusetts 02109				
 SIGNATURE Nadege M. Lagneau, Ph.D. NAME 51,908 REGISTRATION NUMBER				

10/500424

DT04 Rec'd PCT/PTO 28 JUN 2004

ATTORNEY DOCKET No.: 2003946-0088 (VD1207/US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fang *et al.* Examiner: NYA.
Serial No: NYA Group Art Unit: NYA
Filing Date: June 28, 2004
Corresp. to: PCT/US02/40744
Int. Filing Date: December 18, 2002
Priority: December 28, 2001
Title: LUMINACIN ANALOGS AND USES THEREOF

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Express Mailing

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of June 28, 2004.



Kathy Hart Gagnon
Express Mail No.: EV 314105083 US